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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/766,022	01/19/2001	Jamshid Eftekhari	NC33311	7835
26933	7590	12/31/2003	EXAMINER	
ROBERT C. ROLNIK NOKIA INC. 6000 CONNECTION DRIVE MD 1-4-755 IRVING, TX 75039			NGUYEN, JENNIFER T	
			ART UNIT	PAPER NUMBER
			2674	13
DATE MAILED: 12/31/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/766,022

Applicant(s)

EFTEKHARI, JAMSHID

Examiner

Jennifer T Nguyen

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 January 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_                      6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. This Office action is responsive to amendment filed on 10/09/2003.

#### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nicolas et al. (U.S. Patent No. 6,593,944) in view of Morgenthaler (U.S. Patent No. 6,310,609).

Regarding claims 1, 10 and 17, referring to Figs. 1-8, Nicolas teaches a method in a device (100) having a plurality of character-entry pressure points (75) for selecting a function in a markup language file comprising the steps of: reading the markup language file; detecting a reference to a character encoding having a corresponding function; detecting an entry by the character-entry pressure point (75); and triggering the function (see abstract, from col. 10, line 1 to col. 15, line 40).

Nicolas differs from claims 1, 10, and 17 in that he does not specifically teach illuminating at least one character-entry pressure point having a character encoding. However, referring to Figs. 4 and 5, Morgenthaler discloses illuminating at least one character-entry pressure point having a character encoding (abstract, col. 9, lines 32-41, lines 47-61). Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the illuminating at least one character-entry pressure point having a character encoding as taught by Morgenthaler in the system of Nicolas in order to allow highlight the

Art Unit: 2674

portions of a display, easily select the functions by inputting specific illuminating associated with the function and to improve the performance.

Regarding claims 2 and 18, the combination of Nicolas and Morgenthaler teaches illuminating the at least one character-entry pressure point comprises a step of illuminating less than the plurality of character-entry pressure points (col. 5, lines 35-40 of Morgenthaler).

Regarding claims 3 and 19, the combination of Nicolas and Morgenthaler teaches the device (300) has displayed a number of references and the step of illuminating the at least one character-entry pressure point comprises a step of illuminating the number of character-entry pressure points (col. 6, lines 33-67 of Morgenthaler).

Regarding claims 4, 5, 20 and 21, the combination of Nicolas and Morgenthaler teaches detecting an entry by the character-entry pressure point comprises the step of detecting a key-press and a key-release (col. 6, lines 20-23 of Morgenthaler).

Regarding claims 6 and 22, Nicolas further teaches detecting an entry by the character-entry pressure point comprises the step of detecting a long-duration key press (from col. 13, line 35 to col. 14, line 6).

Regarding claims 7, 8, 23 and 24, Nicolas further teaches triggering a function comprises a step of displaying a card and reading a deck (from col. 10, line 1 to col. 15, line 40).

Regarding claims 9 and 25, Nicolas further teaches triggering a function further comprises a step of moving a cursor (from col. 13, line 35 to col. 14, line 6).

Regarding claim 11, the combination of Nicolas and Morgenthaler teaches illuminating a light emitting diode (LED) near the character-entry pressure point (col. 3, lines 60-64 of Morgenthaler).

Art Unit: 2674

Regarding claims 12 and 13, the combination of Nicolas and Morgenthaler teaches detecting comprises sensing a long duration circuit closure (col. 8, lines 44-54 of Morgenthaler).

Regarding claim 14, the combination of Nicolas and Morgenthaler teaches detecting comprises sensing a circuit opening (col. 8, lines 44-54 of Morgenthaler).

Regarding claim 15, Nicolas further teaches displaying a portion of a markup language card (from col. 10, line 1 to col. 15, line 40).

Regarding claim 16, the combination of Nicolas and Morgenthaler teaches triggering comprises a step of reading a second markup language file (from col. 10, line 1 to col. 15, line 40).

4. Applicant's arguments with respect to claims 1-25 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jennifer T. Nguyen** whose telephone number is **703-305-3225**. The examiner can normally be reached on Mon-Fri from 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard A Hjerpe** can be reach at **703-305-4709**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, DC. 20231

Art Unit: 2674

**Or faxed to: 703-872-9306 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, sixth-floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703-306-0377.

Jennifer T. Nguyen  
12/22/2003



**RICHARD KORTE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**